Rec'd PCT/PTO 25 JUN 2004

BIRCH, STEWART, KOLÀSCH & BIRCH, LLP

P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050 ATTORNEY DOCKET NO. 0171-1120PUS1

PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING:

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Page 1 of 2	(Application Number)	(Filing Date)	(Status - patentec	(Status - patented, pending, abandoned)	
(if any)	(Application Number)	(Filing Date)	(Status - patented	l, pending, abandoned)
Insert Prior U.S. Application(s):	I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s), including for continuation-in- part application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.				
Insert Requested Information: (if appropriate)	Country Application Number Date of Filing (Month / Day / Year)				
	All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed more than 12 months (6 months for designs) Prior to the Filing Date of this Application:				
	(Application Number)			(Filing Date)	
	(Application Number)			(Filing Date)	
Insert Provisional	I hereby claim the benefit under Title 35, United	d States Code, §119(e) of a	any United States provisional applic	cation(s) listed belo	w.
	(Number)	(Country)	(Month / Day / Year Filed)	Yes	No
	2001-399177 —	Japan	12/28/2001 ~	X	
	(Number)	(Country)	(Month / Day / Year Filed)	Yes	□ No
	2001–399176 /	Japan	12/28/2001 -	Yes	No
	(Number)	(Country)	(Month / Day / Year Filed)	X	
	2001–399175 🗸	Japan	12/28/2001 —	Yes	No
Information: (if appropriate)	(Number)	Japan (Country)	12/28/2001 — (Month / Day / Year Filed)	X	
Insert Priority	2001–399174 /	Tanan	12/20/2001 -	Priority	Claimed
	or inventor's certificate listed below and have a filing date before that of the application on Prior Foreign Application(s)	also identified below any	foreign application for patent or	ign application(s) inventor's certifica	for patent ate having
	representatives or assigns, except as follows. I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of any foreign application(s) for patent				
	thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal				
	§1.56. I do not know and do not believe the same was ever known or used in the United States of America before my or our invention				
	I hereby state that I have reviewed and und by any amendment referred to above. I acknowledge the duty to disclose inform				
	amended on			(if applicable)	
Attached:	International Application Number		3430 /		
	the specification was filed on	December 24	2002/	as PCT	
Without Specification	and amended on	D1 0.4	(if a	pplicable); and/or	
For Use	United States Application Number				
Fill in Appropriate Information -	the specification was filed on				
	the specifications of which is attached hereto. If n and/or the following:				forth above
Insert Title:	RARE-EARTH SINTERED MAGNET AND METHOD OF MANUFACTURE /				
	(if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:				

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I hereby appoint the practitioners at CUSTOMER NO. 02292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

PLEASE NOTE:

BIRCH, STEWART, KOLASCH & BIRCH, LLP

or CUSTOMER NO. 02292

P.O. Box 747 • Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

YOU MUST COMPLETE THE FOLLOWING: Full Name of First or GIVEN NAME FAMILY NAME INVENTOR'S SIGNATURE DATE: Sole Inventor: Insert Name of Invent Kazuaki SAKAKI June 14, 2004 Insert Date This Document is Sign Residence (City, State & Country) Insert Residence Insert Citizenship <u>Takefu-shi</u>, Fukui, Japan MAILING ADDRESS (Complete Street Address including City, State & Country)
c/o Magnetic Materials Research Center, Shin-Etsu Chemical Co., Ltd., Insert Mailing Address 915-8515 Japan 1-5, Kitago 2-chome, Takefu-shi, Fukui, INVENTOR'S SIGNATURE GIVEN NAME FAMILY NAME Full Name of Second Inventor, if any: KASASHIMA masaki Kasashima June 14, 2004 Masaki Residence (City, State & Country) CITIZENSHIP Japanese 🖊 <u>Takefu-shi</u>, Fukui, Japan (Alling ADDRESS (Complete Street Address including City, State & Country) c/o Magnetic Materials Research Center, Shin-Etsu Chemical Co., Ltd., Kitago 2-chome, Takefu-shi, Fukui, 915-8515 Japan Full Name of Third Inventor, if any Hamada Ryuji HAMADA. June 14, 2004 Residence (City, State & Country) CITIZENSHIP Takefu-shi, Fukui, Japan $\rightarrow P \times$ Japanese MAILING ADDRESS (Complete Street Address including City, State & Country)

Materials Research Center, Shin-Etsu Chemical Co., Ltd., Fukui, 915-8515 Japan Kitago 2-chome. Takefu-shi, INVENTOR'S SIGNATURE DATE ' Full Name of Fourth FAMILY NAME Inventor, if any luse Takehisa MINOWA June 14, 2004 -0 L CITIZENSHIP Residence (City, State & Country) Takefu-shi, Fukui, Japan 🛶 🕆 MAILING ADDRESS (Complete Street Address including City, State & Country)
c/o Magnetic Materials Research Center, Shin-Etsu Chemical Co., Ltd., 2-chome, Takefu-shi, Fukui 915-8515 Japan Full Name of Fifth DATE' FAMILY NAME INVENTOR'S SIGNATURE Inventor, if any see above CITIZENSHIP Residence (City, State & Country) MAILING ADDRESS (Complete Street Address including City, State & Country) Page 2 of 2 (Revised 01/02) DATE OF SIGNATURE